

ISM

AIMS-F5D-A59-SVD

**AUTOMATED INSTRUCTIONAL MANAGEMENT
SYSTEM – PERSONAL COMPUTER
(AIMS-PC)**

**SYSTEM VERSION DESCRIPTION
(SVD)**

Version F5D-00-00

Document Version 1.0

22 January 1999

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1. SCOPE

This Software Version Description (SVD) describes the contents and installation of the Beta release of the Automated Instructional Management System – Personal Computer (AIMS-PC) for the Sustaining Base Information Services (SBIS) to be fielded. The Data Item Description for this document was developed to accommodate a remote installation of the product.

1.1 Identification

This SVD applies to the AIMS-PC application running on the Army Standard Information Management System (ASIMS) and networked AIX operating system on PC's and UNIX platforms.

1.2 System Overview

AIMS-PC is an automatic, interactive training information management system for U.S. Army schools and training centers. This application provides the means to conduct, evaluate, and assess training to provide accurate information for making training decisions.

- a. The AIMS-PC system supports training registration and enrollment of students, test scoring, academic records, graduation, academic evaluation reports, and management reports. AIMS-PC provides class, course, lesson, student, unit, and group management functions. The AIMS-PC application provides methods to import data from legacy applications.
- b. Communications between users at a site are handled by an Ethernet Local Area Network (LAN). The main application software is on Personal Computers (PC). The data files are on an IBM RS/6000 Model R-24 running AIX 4.2.1 and serving as a data server. Data is passed between the PC's and the data server over the LAN. LANs in separate buildings on an installation are interconnected via intelligent hubs using a fiber backbone.

Communications between sites and installations is achieved over a Wide Area Network (WAN). The LANs are connected to the WAN through a router. This allows transfer of information (data and files) and electronic mail to be sent between SBIS sites, including Major Army Commands (MACOM), the Information System Management and Control Center (ISMCC), and Contingency Control Facilities (CCF), and other installations, at dedicated transmission rates up to 1.544 Mbps. The SBIS system supports the reuse of existing network and router capabilities such as Defense Data Network (DDN) as backup in case of failure. It also enables SBIS to interface with the Army tactical networks.

- d. This system can receive from legacy systems.
- e. The AIMS-PC system receives information from the following legacy systems:
 - ? Army Training Requirements and Resource System (ATTRS)
 - ? Reception Battalion Automated Support System (RECBASS)
 - ? Points of Instruction Management Module (POIMM)

1.3 Document Overview

This document contains four major sections and several appendices. Section 1 contains introductory/summary material about the application/database being delivered. Section 2 contains a listing of reference documentation such as documents that went into defining the requirements, design/coding standards, or Program Directives that influenced the design. Section 3 contains those materials necessary for installation and checkout of the deliverable item. Section 4 contains notes that may be applicable to the installation or operation of the deliverable item. The appendices contain materials that are too long to be included within the main body of the document or are necessary for reference purposes.

2. REFERENCED DOCUMENTS

This section shall list the version number, title, and dates of reference documents that aid in further describing this application and requirements. Such documents include the Functional Description, System/Subsystem specification, and System Interface Agreements, the Database Specification, and the Software User Manual, if appropriate.

- a. Project Request or Other Initiation Document. None available at this time.
- b. Previously Developed Technical and Functional Documentation Relating to this Project.
 - ? Automated Instructional Management System (AIMS), *Functional Description*, 1981.
 - ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Personnel Subsystem*, AIMS 006-791, 13 February 1987.
 - ? Automated Instructional Management System (AIMS) *Data Entry Requirements for the Personnel Subsystem*, AIMS 026-79, 13 February 1987.
 - ? Automated Instructional Management System (AIMS), *User's Manual for the Personnel Subsystem*, AIMS 007-80, 13 February 1987.
 - ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Quota Control Subsystem*, AIMS 025-79, 25 October 1988.
 - ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Quota Control Subsystem*, AIMS 024-80, 29 April 1988.
 - ? Automated Instructional Management System (AIMS), *User's Manual for the Quota Control Subsystem*, AIMS 013-80, 29 April 1988.
 - ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Test and Evaluation Subsystem (TEVS)*, AIMS 027-80, 4
 - ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Test and Evaluation Subsystem (TEVS)*, AIMS 028-80, 10 April 1986.
 - ? Automated Instructional Management System (AIMS), *User's Manual for the Test and Evaluation Subsystem (TEVS)*, AIMS 017-80, 4 December 1987.
 - ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Resource Scheduling Subsystem*, AIMS 038-80, 4 December 1987.
 - ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Resource Scheduling Subsystem*, AIMS 039-80, 29 April 1988.
 - ? Automated Instructional Management System (AIMS), *User's Manual for the Resource Scheduling Subsystem*, AIMS 016-80, 13 February 1987.

- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Student Gradebook Management Subsystem*, AIMS 051-80, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Student Gradebook Management Subsystem*, AIMS 052-80, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Student Gradebook Management Subsystem*, AIMS 014-80, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Student Critique Subsystem*, AIMS 102-85, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Student Critique Subsystem*, AIMS 103-85, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Student Critique Subsystem*, AIMS 104-85, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Historical Functions*, AIMS 094-84, 4 December 1987.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Historical Functions*, AIMS 093-84, 10 July 1987.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Historical Functions*, AIMS 095-84, 13 February 1987.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Reports Generation Subsystem (Query)*, AIMS 034-80, 21 May 1985.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Query Subsystem*, AIMS 010-79, 28 October 1985.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Mail Subsystem*, AIMS 032-82, 8 May 1986.
- ? Automated Instructional Management System (AIMS), *Data Entry requirements for the Mail Subsystem*, AIMS 046-82, 27 February 1985.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Mail Subsystem*, AIMS 012-82, 8 May 1982.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Site Support Utilities*, AIMS 048-82, 29 April 1988.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Site Support Utilities*, AIMS 049-82, 8 January 1988.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Site Support Utilities*, AIMS 047-82, 8 January 1988.
- ? Automated Instructional Management System (AIMS), *Subsystem Specifications for the Dump Utility Subsystem*, AIMS 045-82, 27 December 1983.
- ? Automated Instructional Management System (AIMS), *User's Manual for*

- the Dump Utility Subsystem*, AIMS 019-79, 27 December 1983.
- ? Automated Instructional Management System (AIMS), *Subsystem Specifications for the Entry Level Separation Module of the Quota Control Subsystem*, AIMS 037-82, 13 February 1987.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Entry Level Separation Module of the Quota Control Subsystem*, AIMS 041-82, 13 February 1987.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Entry Level Separation Module of the Quota Control Subsystem*, AIMS 036-82, 13 February 1987.
- ? Automated Instructional Management System (AIMS), *Subsystem Specification for the Aviation Module of the Quota Control Subsystem*, AIMS 105-86, 10 July 1987.
- ? Automated Instructional Management System (AIMS), *Data Entry Requirements for the Aviation Module of the Quota Control Subsystem*, AIMS 106-86, 4 December 1987.
- ? Automated Instructional Management System (AIMS), *User's Manual for the Aviation Module of the Quota Control Subsystem*, AIMS 107-86, 10 July 1987.
- ? Automated Instructional Management System (AIMS), *Instructions for Initial Access and Master Program Control*, AIMS 005-79, 13 February 1987.
- ? Automated Instructional Management System (AIMS), *User's Manual for the AIMS-EIDS Interface using PCLINR*, 25 October 1988.
- ? Automated Instructional Management System (AIMS), *Subsystem Specifications and Data Requirements for the Site-To-Site Transfer of AIMS Data Records*, 2S October 1988.
- ? Automated Instructional Management System (AIMS), *Initialization and Implementation Procedures*, 29 April 1988.
- ? *AIMS ARI Historical Tape Transfer Instructions*, 4 December 1987.
- ? *SBIS Continuity of Operations Plan (COOP) and Mobilization Support Plan*.
- ? *Functional Description for the Automated Systems Approach to Training (ASAT)*, HQ TRADOC, 27 Sep 91.
- ? *Program of Instruction Management Module Users Manual*, HQ TRADOC, 13 May 92
- c. Significant Correspondence Related to the Project.
 - ? *Memorandum of Agreement (MOA)* (between Army Training Support Center (ATSC) and School).
 - ? *Memorandum Through Director, Resource Management* - (list of items included in Procurement Package).
 - ? Memorandum for See Distribution, *"Training Development Guidance (on Lesson Plan Report Requirements)"*, DA/TRADOC ATTG-CD (350), September 6, 1991.
 - ? Memorandum for See Distribution, *"Middle Manager's Media Review*

- Job Performance Aid Distribution and User Review*, n DA/TRADOC ATTG-CS, June 6, 1990.
- d. Documentation Concerning Related Projects.
- ? TRADOC Pamphlet 18-6: *MIS TREDS-NRI Functional User Documentation*.
 - ? *Army Training Requirements and Resources System (ATRRS) Users Manual*, Volume 1 -CICS, Version 2, June 1988.
 - ? *Computer Operations Manual for ACCP - (TREDS OPS Manual)*.
 - ? *Enlisted Master File (EMF) Users Manual*, Data Element Portion, 1 July 1982.
 - ? *Functional Description for the Course Development and Student Administration/Registrar System (CD/SAR)*, Feb 9, 1988.
 - ? *Officer Master File (OMF) Users Information Manual*, 1 November 1983.
 - ? *Student Services (SS-IPD) Standard Operating Procedures (SOP)*.
 - ? *TREDS Baseline Documentation* (Screens/Program Descriptions/DFDs).
 - ? *Advanced Training System Software User's Manual*, Volume I; *ATS General User Guide*, ATS/SW-154A005, Revision I, 17 September 1993.
 - ? *Joint Service Instructional Systems Development/Logistic Support Analysis Record Decision Support System; ISD/LSAR DDS Prototype 3 Functional Description*, Draft 15 October 1993.
 - ? *User Guide for Local Scanning Self-Development-Testing Same Day Feedback, Individual Training Evaluation-Directorate*, U.S. Army Training Support Center, Fort Eustis, Virginia 23604-5026, January 17, 1992
- e. Standards of Reference Documentation.
- ? Department of Defense Standard (DoD-STD)-7935A, *Military Standard - DoD Automated Information System (AIS) Documentation Standards*.
 - ? Army Regulation (AR) 25-1, *The Army Information Resources Management Program*, 18 November 1988.
 - ? AR 25-3, *Army Life Cycle Management of Information Systems*.
 - ? AR 25-9, *Army Data Management and Standards Program (ADMSP)*, (Draft), 9 July 1988.
 - ? AR 25-30, *The Army Integrated Printing and Publishing Program*.
 - ? AR 350-35, *Army Modernization Training*.
 - ? AR 350-38, *Training Devices, Policies and Procedures*.
 - ? AR-380-19, *Information System Security*.
 - ? AR 611-5, *Army Personnel Selection and Classification Testing*, December 15, 1982.
 - ? Department of the Army (DA) Pamphlet (PAM) 25-37, *Index of Army Graphic Training Aids (GTA)*
 - ? Federal Information Processing Standard (FIPS) 127, *Database Language SQL*.
 - ? FIPS 128, *Computer Graphics Metafile* (Data Interchange).
 - ? FIPS Pub 146, *Government Open Systems Interconnection Profile (GOSIP)*, February 1989.

- ? FIPS Pub 151, *POSIX: Portable Operating System Interface for Computer Environments*, September 1988.
- ? Field Manual (FM) 25-100, *Training the Force*, 15 November 1988.
- ? FM 25-101, *Battle Focus Training*, 30 September 1990.
- ? DA Pamphlet 25-37, *Index of Army Graphic Training Aids (GTA)*.
- ? DA Pamphlet 351-20, *Army Correspondence Course Program (ACCP) Catalog*.
- ? DA Pamphlet 350-100, *Extension Training Materials (ETM) Military Occupational Specialty (MOS) Catalog*.
- ? DA Pamphlet 351-1, *Extension Training Material (ETM) Management and Development Guide*.
- ? DA Pamphlet 25-91, *Visual Information Procedures*, <no date supplied>.
- ? DoD 500.12-M, DoD (Department of Defense) *Manual for Standard Data Elements*.
- ? DoD Instruction 1322.20, *Development and Management of Interactive Courseware (ICW) for Military Training*.
- ? National Bureau of Standards (NBS) Special Pub 500-150, *Stable Implementation Agreements for Open Systems Interconnection Protocols, Version I, (NBS) Workshop for Implementations of Open Systems Interconnection*, December 1987.
- ? TB 18-100, *Army Automation Life Cycle*, 15 August 1981.
- ? TB 18-103-1, *Army Automation Software Design and Development Networking*, 8 February 1984.
- ? TB 18-108, *Army Automation Continuity of Operations Plan (COOP)*, 1 November 1985.
- ? TB 18-110, *Army Automation Configuration Management*, 1 April 1982.
- ? TB 18-111, *Army Automation Technical Document*.
- ? TB 18-115, *Army Information Processing Standards Program*.
- ? TB 18-115.1, *Army Information Processing Standards Program - Data Elements and Codes*.
- ? TB-0115.2, *Army Information Processing Standards Program - Data Elements*.
- ? X3.135-1986, *American National Standards Institute (ANSI), SQL*.
- ? MIL-STD-1379D, *Military Training Programs*, MSC N5039; December 5, 1990.
- f. Training and Doctrine Command Publications
 - ? TRADOC Regulation 10-1, *School Model 83* (a new version of the regulation is out in draft).
 - ? TRADOC Regulation 11-15, *Concept Based Requirements System*, August 1, 1989.
 - ? TRADOC Regulation 25-30, *Preparation, Production, and Processing of Armywide Doctrinal and Training Literature*, March 30, 1990.
 - ? TRADOC Regulation 25-31, *Armywide Doctrinal and Training Literature Program*, March 30, 1990.
 - ? TRADOC Regulation 25-32, *Doctrinal Literature Master Plan*, March 30,

- 1990.
- ? TRADOC Regulation 310-2 w/Ch 1,2. *Design, Development, Preparation, and Management of ARTEP Documents (Mission Training Plans (MTPs) and Drill*
 - ? Books (To be replaced by TRADOC Regulation 25-33, which is in draft).
 - ? TRADOC Regulation 350-6, *Initial Entry Training (IET) Policies and Administration*, August 28, 1989.
 - ? TRADOC Regulation 350-7, *Systems Approach to Training*, February 26, 1988.
 - ? TRADOC Regulation 350-8, *Ammunition*, May 17, 1989.
 - ? TRADOC Regulation 350-15, *TRADOC Training and Evaluation Quality Assurance Program*, June 3, 1988.
 - ? TRADOC Regulation 350-16, *Drill Sergeant Program (DSP)*, August 31, 1990.
 - ? TRADOC Regulation 350-23, *TRADOC Support to Exercises*, August 5, 1896.
 - ? TRADOC Regulation 350-24 w/Ch 1. *Basic and Advanced NCO Training in TRADOC NCO Academies (NCOA)*, March 27, 1987.
 - ? TRADOC Regulation 350-26, *Using Computers to Train*, <no date supplied>.
 - ? TRADOC Regulation 350-27, *Training Trainers*, January 26, 1989.
 - ? TRADOC Regulation 350-33, *Extension Training Material (ETM) Management and Development*, <no date supplied>.
 - ? TRADOC Regulation 351-1, *Training Requirements Analysis System (TRAS)*, (Currently under revision).
 - ? TRADOC Regulation 351-2, *Self-Development-Test (SDT) and Common Task Test (CTT) Development Policy and Procedures (RCS ATTG-17 (RI))*.
 - ? TRADOC Regulation 351-6, *Support of Training in Units*, December 1, 1982.
 - ? TRADOC Regulation 351-16, *Interactive Courseware (ICN) Management and Development*, <no date supplied>.
 - ? TRADOC Pamphlet 350-7, *EIDS and ICW Implementation Program*, Revisions & Draft, February 26, 1992.
 - ? TRADOC Regulation 351-9, *Systems Training Development*, August 18, 1989.
 - ? TRADOC Regulation 351-10, *Guidelines for the Development of Enlisted Training*, April 16, 1990.
 - ? TRADOC Regulation 351-11, *Soldier Training Publications (STP) Policy and Procedures*, September 23, 1983.
 - ? TRADOC Regulation 351-12, *Military Qualifications Standards Systems Products, Policies, and Procedures*, August 30, 1991.
 - ? TRADOC Regulation 351-16, *Interactive Courseware (ICW) Management and Development*, September 16, 1991.
 - ? TRADOC Regulation 381-1, *Threat Management*, February 1, 1988.

- ? TRADOC Pamphlet 11-9, *Blueprint of the Battlefield*.
- ? TRADOC Pamphlet 25-30, *Index of TRADOC Supplements to Army Regulations and TRADOC Regulations, Pamphlets, and Circulars*, December 17, 1990.

- ? TRADOC Pamphlet 351-12, *Systems Approach to Training - Needs*, February 26, 1992.
- ? TRADOC Regulation 351-1, *Training Requirements Analysis System*, October 1, 1992.
- ? TRADOC Pamphlet 25-33, *Army Training Glossary (Information Management)*, April 28, 1989.
- ? TRADOC/AMC Pamphlet 70-2, *Materiel Acquisition Handbook*, March 26, 1989.
- ? TRADOC Pamphlet 108-1, *Training and Doctrine Films-Guide for Subject Matter Expert/Technical Advisor*, September 8, 1981.
- ? TRADOC Pamphlet 350-4, *Army Training 2007 (Draft)*, April 18, 1990.
- ? TRADOC Pamphlet 350-8, *TRADOC Primer*, February 1, 1988.
- ? TRADOC Pamphlet 350-30, *Interservice Procedures for Instructional Systems Development (per 350-7 SAT)*, August 1975.
- ? TRADOC Pamphlet 351-12, *Systems Approach to Training-Needs Assessment and Needs Analysis*, (TBP).
- ? TRADOC Automated Training Scheduling System (TATSS) Systems Specifications, Version 4, Fort Benning GA 31905-5173: *Systems Analysis and Design Team*, April 30, 1993.
- ? TRADOC Pamphlet 351-13, *Systems Approach to Training-Analysis*, 6 Sep 1991.
- ? TRADOC Pamphlet 351-14, *Systems Approach to Training-Design*, 6 Sep 1991.
- ? TRADOC Regulation 350-70, *Training Development Management, Processes, and Products*, September 24, 1995.

3. VERSION DESCRIPTION

This section contains the inventory of the deliverable and the instructions necessary for its installation. Where appropriate, certain materials are contained in and referenced to the appendices.

3.1 Inventory of Materials Released

The following subparagraphs list by identifying numbers, titles, dates, version numbers, and release numbers all physical media and associated documentation that make up the version being released.

3.1.1 Media

This delivery of the AIMS-PC system/database to be fielded was done remotely using File Transfer. The Golden Master was deployed by tape. The Golden Master SVD contains the media information used.

3.1.2 Documentation

The following documentation (identified by title and part number) is included with this delivery: AIMS-PC Software User's Manual Version 1.0, 30 December 1998.

3.2 Inventory of Software Contents

The following paragraphs list by identifying numbers, titles, dates, version numbers, and release numbers all computer files that make up the version being released.

3.2.1 Application Software Inventory

To be provided later.

3.2.2 Database Software Inventory

The software delivery consists of the following files:

1226 Jan 22 09:13 F5D-00-00.README
48748452 Jan 22 08:34 F5D-00-00.tar.Z
1997 Jan 22 09:16 aimspc_restore.sh

Appendix A provides an inventory of the database files and the file structure that will result from its successful installation.

3.2.3 Process Server – Golden Master Inventory

This paragraph has been tailored out.

3.2.4 Database Server – Golden Master Inventory

This paragraph has been tailored out.

3.3 Changes Installed

Appendix C contains a listing of all known Software Trouble Reports (STRs) at the time of this release.

3.3.1 Corrector Descriptions

This paragraph has been tailored out.

3.4 Adaptation Data

This paragraph shall identify or reference all unique data contained in the software version. An example of adaptation data could be; users that must exist prior to the installation of an application or data tables that must be created and (possibly) populated prior to the population of application related tables. There is no special adaptation data noted for this deliverable.

3.5 Related Documents

- ? *Principles of Instructional Design*, Second Edition, Robert M. Gagne and Leslie J. Briggs, Chapter 7 - “Defining Performance Objectives”.
- ? *Handbook of Procedures for the Design of Instruction*, Second Edition, Leslie J. Briggs and Walter W. Wagner, Chapters 6 and 7, Chapter 10 - Fig. 31.
- ? *The Conditions of Learning and Theory of Instruction*, Fourth Edition, Robert M. Gagne, Chapter 6, pp. 127-135 and Chapter 13.
- ? *Instructional Design, Principles and Applications*, Leslie J. Briggs, Editor, Chapter 4, “Organizing the Course,” Page 110, “Drawing Instructional Maps”.
- ? *Principles of Instructional Design*, Second Edition, Robert M. Gagne and Leslie J. Briggs, Chapter 4 - “Varieties of Learning: Intellectual Skills and Strategies.”
- ? *Psychological Measurements and Prediction*, by Horst, P. pp 72-74.
- ? *Psychometric Theory*, Jim Nunnally, McGraw-Hill, New York.
- ? *Psychological Measurement and Prediction*, Paul Horst, Wadsworth, Inc.,

- Belmont, CA.
- ? *Statistics for Business and Economics*, Heinz Rohler, Second Edition., Scott, Foresman & Co., Glenview, IL.
 - ? *Essentials of Learning for Instruction*, Second Edition., Robert M. Gagne & Marcy Perkins Driscoll, FSU, Englewood Cliffs NJ 07632, Prentice-Hall/Simon & Schuster, 1988.
 - ? *The Systematic Design of Instruction*, Third Edition., Walter Dick & Lou Carey, Glenview IL: Scott, Foresman and Company, 1990.
 - ? *Handbook of Procedures for the Design of Instruction*, Second Edition., Leslie J. Briggs & Walter W. Wager; Englewood Cliffs NJ 07632: Educational Technology Publications, Inc., 1981.
 - ? *Handbook of Training Evaluation and Measurement Methods*, Second Edition., Jack J. Phillips; Houston TX: Gulf Publishing Company, 1991.
 - ? *Training Program Workbook and Kit*, Carolyn D. Nilson, Ed.D.; Englewood Cliffs NJ 07632: Prentice-Hall/Simon & Schuster, 1988.
 - ? Research Product 80-13: Manpower and Educational Systems Technical Area, *Descriptive Authoring Flowcharts for Phase I-ANALYZE of the Instructional Systems Development Model*, Army Research Institutes: May 1980.
 - ? Research Product 80-14: Manpower and Educational Systems Technical Area, *Job Aid Manuals for Phase I-ANALYZE of the Instructional Systems Development Model*, Army Research Institutes, May 1980.
 - ? Research Product 80-16: Manpower and Educational Systems Technical Area, *Job Aid Manuals for Phase II-DESIGN of the Instructional Systems Development Model*, Army Research Institutes, May 1980.
 - ? Research Product 80-17: Manpower and Educational Systems Technical Area, *Descriptive Authoring Flowcharts for Phase III-DEVELOP of the Instructional Systems Development Model*, Army Research Institutes, May 1980.
 - ? Research Product 80-18: Manpower and Educational Systems Technical Area, *Job Aid Manuals for Phase III-DEVELOP of the Instructional Systems Development Model*, Army Research Institutes, May 1980.
 - ? *Handbook for Administration of the Self-Development-Test and Common Task Test*, October 1, 1993.
 - ? *Formats Automated For Structuring Training (FAST); A Handbook for Creating Paper-based Practice Exercises Using WordPerfect 5.1*, September 1992.
 - ? *Field Artillery Surveyor Course #412-82C10 Version 2, Program of Instruction*, March 3, 1993.
 - ? *Multiple Launch Rocket System Repairer Course #121-27M10, Version 2, Ammunition Summary*, June 4, 1992.
 - ? *DSDM Digest - Digital System Development Methodology*, CSC.
 - ? *Army Correspondence Course Program (ACCP) Functional Analysis (FA)*, 8 March 1991.
 - ? *Self-Evaluation Report for Accreditation of the Army Correspondence Course Program (ACCP) - Volume I*.

3.5.1 Reference Forms

- ? AR Form 2408-12: *Army Aviation Flight Record*
- ? ATSC Form 61: *Diploma*
- ? ATSC Form 66: *Receiving/Shipping Report*
- ? ATSC Form 82: *Stock Record Card*
- ? ATSC Form 114: *Certificate of Completion (COC)*
- ? ATSC Form 157: *Data Mailer*
- ? ATSC Form 159: *Subcourse Disposition Form*
- ? ATSC Form 160-R: *Manual Pull List*
- ? ATSC Form 166: *Breakdown Sheet/Typing Instructions*
- ? ATSC Form 328: *Pre-/Post-resident ACCP Exam Response Sheet*
- ? ATSC FL 14A-14D, 14: *Pre-Printed Manual Letters to Students - Student Memo (for previously enrolled students)*
- ? ATSC FL 15A, 15: *Pre-Printed Manual Letters to Students (for enrolling students)*
- ? DA Form 145: *ACCP Enrollment Form*
- ? DA Form 1059: *Service School Academic Evaluation Report (AER)*
- ? DA Form 5475-R: *COR/QAE Surveillance Schedule*
- ? DA Form 5477-R: *Customer Complaint Record*
- ? DA Form 5481-R: *Tally Checklist*
- ? DA Form 5286-R: *Individual Training Record*
- ? DA Form 5312: *ITEP Marksense Form*
- ? DD Form 843: *Requisition for Printing and Binding Service*
- ? GPO Form 2511: *Print Order*
- ? Request Form DA 3903-R: *AR 25-1 Visual Information Work Order, August 1988*
- ? TRADOC Form 168-R: *Breakdown in Support of Subcourses*

- ? TRADOC Form 548-R: *TREDS NRI Application*
- ? TRADOC Form 555-R: *Student Master File Worksheet*
- ? TRADOC Form 555-2-R: *Consolidated Inventory Worksheet*

3.6 Installation Instructions

Please see Appendix B for a detailed set of installation instructions.

3.6.1 Installation Effective Date

This Software Change Package (SCP) should be immediately implemented upon receipt or no later than Jan 25 1999

3.6.2 Security Implications

This paragraph has been tailored out.

3.6.3 ANSOC Installation Instructions

All users receive the same baseline with change package number. This change package contains the following files:

Quantity	File ID	System	Change Package No.
1	F5D-00-00.README	AIX 4.2	F5D-00-00
1	F5D-00-00.tar.Z	AIX 4.2	F5D-00-00
1	aimspc_restore.sh	AIX 4.2	F5D-00-00

Ensure that all master file backups have been completed prior to loading this package. Use these load instructions to develop load procedures that work best for your installation. Due to various user configurations, each installation must determine appropriate block-size and library allocations. Users must not, repeat, must not, make changes to the files.

Security impact: None.

3.6.4 Special Installation Instructions

All Users: This SCP is to only be installed on an SBIS data server. This is an SAT test installation and intended for installation at Fort Eustis only.

3.6.5 Point of Contact

If there are any problems or questions with the installation, or any shortage to the contents of this package, call the Army Network and Systems Operator Center (ANSOC), Ft. Huachuca: DSN 879-6798/6858 or 1-800-305-3036.

3.6.6 Report of Implementation

Implementation of this change package must be reported by completing the change package implementation form. This report must be sent to Ft. Huachuca using Fax or mail.

3.7 Possible Problems and Known Errors

This is a new application. There are no formal existing problem reports.

4. NOTES

4.1 Runtime Environment

The AIMS-PC System has been certified to run in a distributed PC, data server environment. The application user display device is a Personal Computer (PC). The AIMS-PC specific PC configuration/installation instructions will be delivered later.

APPENDIX A SOFTWARE INVENTORY

APPENDIX A SOFTWARE INVENTORY

AIMS-PC DATABASE FILE STRUCTURE

All directories below are under /Cots/oracle/

```
[data13/aimspc]:
-rw-r----- 1 oracle dba      167424 Jan 21 21:15 control01.ctl
[data16/aimspc]:
-rw-r----- 1 oracle dba      5243392 Jan 21 21:17 redo1a.log
-rw-r----- 1 oracle dba      5243392 Jan 21 21:15 redo2a.log
[data18/aimspc]:
-rw-r----- 1 oracle dba      167424 Jan 21 21:15 control02.ctl
[data19/aimspc]:
-rw-r----- 1 oracle dba      15736832 Jan 21 21:15 tools01.dbf
-rw-r----- 1 oracle dba      20979712 Jan 21 21:15 users01.dbf
[data20/aimspc]:
-rw-r----- 1 oracle dba      26222592 Jan 21 21:15 temp01.dbf
[data21/aimspc]:
-rw-r----- 1 oracle dba      5243392 Jan 21 21:17 redo1b.log
-rw-r----- 1 oracle dba      5243392 Jan 21 21:15 redo2b.log
[data23/aimspc]:
-rw-r----- 1 oracle dba      52436992 Jan 21 21:17 aimspc_data1.dbf
[data26/aimspc]:
-rw-r----- 1 oracle dba      41951232 Jan 21 21:15 comn_data1.dbf
[data35/aimspc]:
-rw-r----- 1 oracle dba      52436992 Jan 21 21:15 system01.dbf
[data38/aimspc]:
-rw-r----- 1 oracle dba      104865792 Jan 21 21:15 comn_index1.dbf
[data41/aimspc]:
-rw-r----- 1 oracle dba      41951232 Jan 21 21:15 aimspc_index1.dbf
[data44/aimspc]:
-rw-r----- 1 oracle dba      26222592 Jan 21 21:15 rbs01.dbf
```

APPENDIX B INSTALLATION INSTRUCTIONS

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F5D-00-00 INSTALLATION INSTRUCTIONS

There are two parts of the installation. The first part, the data server, is done from an installation data server. The second part is the PC installation.

Data Server Installation

1. Login to the data server and become root.
2. Change directory to any directory on a filesystem where there is at least 40 megabytes of free space.
3. Make a directory called aimspc. Change into the aimspc directory.
4. Place the following files for SCP F5D-00-00 in the aimspc directory.
F5D-00-00.tar.Z 67885089 Jan 22 1999
F5D-00-00.README 3615 Jan 22 1999
aimspc_restore.sh 1898 Jan 22 1999
5. Make the file aimspc_restore.sh executeable.
Type `chmod 700 aimspc_restore.sh`
6. Type `./aimspc_restore.sh`
7. Edit the file `/etc/oratab` and add an instance name of aimspc.
8. When the restore finishes, log in as oracle.
Set ORACLE_SID to aimspc.
Use `svrmgrl` to start the database.
If the database starts, the installation went properly.

This install program performs the following functions:
Uncompresses and restores the database files.

PC Installation

To be provided later.

APPENDIX C OUTSTANDING STRs

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APPENDIX D ACRONYMS AND ABBREVIATIONS

APPENDIX D ACRONYMS AND ABBREVIATIONS

ACCP	Army Correspondence Course Program
ADMSP	Army Data Management Standards Program
AER	Academic Evaluation Report
AIMS-PC	Automated Instructional Management System – Personal Computer
AIS	Automated Information System
ANSI	American National Standards Institute
ANSOC	Army Network and Systems Operator Center
ASAT	Automated Systems Approach to Training
ASIMS	Army Standard Information Management System
ATRRS	Army Training Requirements and Resources System
ATSC	Army Training Support Center
BBS	Bulletin Board System
CCF	Contingency Control Facilities
COC	Certificate of Completion
COOP	Continuity of Operations Plan
DA	Department of Army
DDL	Data Description Language
DDN	Defense Data Network
DoD	Department of Defense
DSP	Drill Sergeant Program
ETM	Extension Training Materials
FIPS	Federal Information Processing Standard
GTA	Graphic Training Aids
GOSIP	Government Open Systems Interconnection Profile
ICW	Interactive Courseware
IET	Initial Entry Training
ISMCC	Information System Management and Control Center
LAN	Local Area Network
MACOM	Major Army Commands
MOA	Memorandum of Agreement
MOS	Military Occupational Specialty
MTPs	Mission Training Plans
NBS	National Bureau of Standards
OMF	Officer Master File
PC	Personal Computer
PDL	Program Design Language
POIMM	Point of Instruction Management Module
PTA	Product Test Authorization
RECBASS	Reception Battalion Automated Support System
RFMSS	Range Facility Management Support System
SBIS	Sustaining Base Information Services
SCP	Software Change Package
SDT	Self Development Test
SOP	Standard Operating Procedure

STARS	Status Tracking and Reporting System
STP	Soldier Training Publications
STRs	Software Trouble Reports
SVD	Software Version Description
TATS	TRADOC Automated Training Scheduling System
TEVS	Test and Evaluation Subsystem
VDD	Version Description Document
WAN	Wide Area Network